

## NEW MARKET VOLUNTEER FIRE COMPANY HALL

August 13, 2013

From 6:00 PM to 8:00 PM

# PROJECT BACKGROUND

## Project History

- The MD 144FB Community Safety & Enhancement Project was first initiated back in 2000
- In 2004, Governor Ehrlich announced the project to the community
- In 2005, SHA presented its conceptual design for the project
  - The concept

# PROJECT DESCRIPTION

**MD 144 FB— Community Safety & Enhancement  
From west of Royal Oak Drive to Bye Alley**



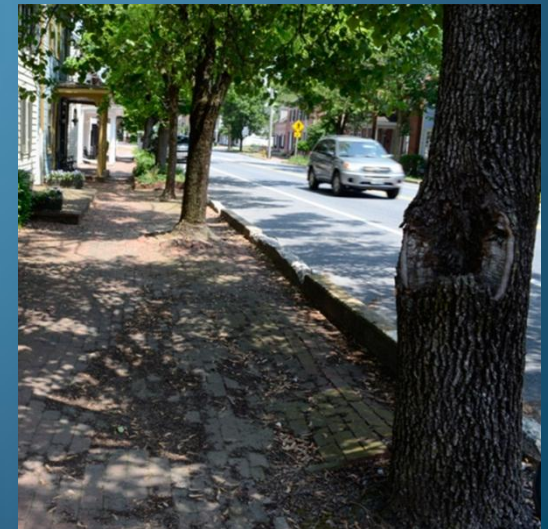
**PROJECT LENGTH: 1.12 MILES**



# SCOPE & DESIGN ELEMENTS

## Reconstruct Sidewalks-Provide ADA access

- Existing Issues Include: Existing sidewalks are Not all ADA Compliant
  - Sidewalks are Not Wide Enough, There are Physical Obstructions and Some of the Sidewalks are just in Poor Condition





# SCOPE & DESIGN ELEMENTS

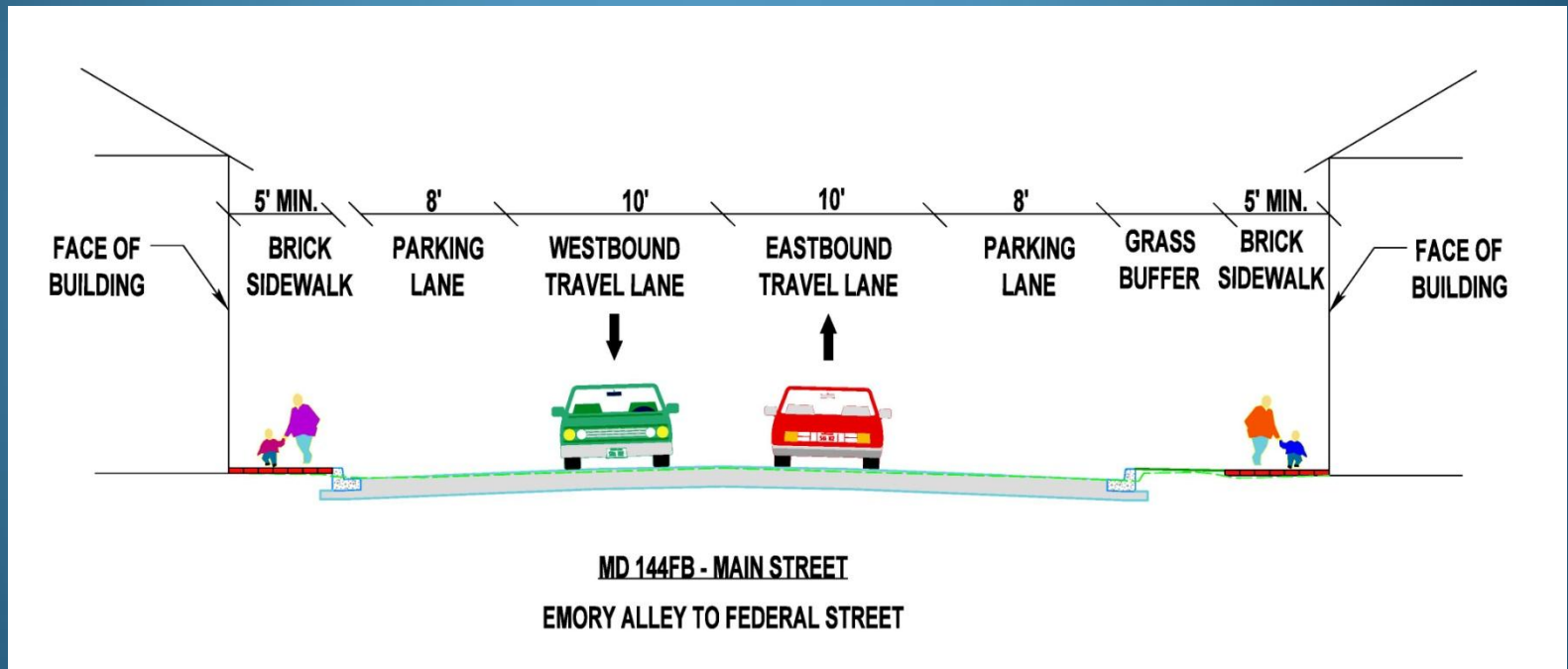
## Reconstruct Sidewalks- Improve the Existing Condition

- Existing condition of Sidewalks include Concrete, Asphalt and Brick.
  - The proposed design will include ADA compliant concrete sidewalks and Brick paving sidewalks located in the center of the town



# SCOPE & DESIGN ELEMENTS

## Typical Section



# SCOPE & DESIGN ELEMENTS

## Roadway Improvements

- Replace existing concrete curb and gutter
- Pavement resurfacing
- Replace existing sidewalk from Royal Oak Drive to Federal Street
  - Proposed sidewalk will be a minimum of 5 feet wide
  - Concrete sidewalk from Royal Oak Drive to Emory Alley
  - Brick sidewalk from Emory Alley to Federal Street
- Extend concrete sidewalk along MD 144 westbound to New Market Middle School
- Extend concrete sidewalk along MD 144 eastbound to Bye Alley
- Pedestrian ramps will be provided at driveways and alleys
- Reconstruct residential/business steps impacted by proposed sidewalk

# SCOPE & DESIGN ELEMENTS

## Retaining Walls

- Five retaining walls will be installed along MD 144 from Prospect Street to Bye Alley
- Retaining walls will be located adjacent to proposed sidewalk
- Retaining walls will be located at the following addresses:
  - 7 West Main Street
  - 16 East Main Street
  - 18 East Main Street
  - 3 South Federal Street
  - 48 East Main Street
- Retaining walls range in height from two feet to four feet
- Retaining walls will be concrete with a brick façade



# SCOPE & DESIGN ELEMENTS

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## Maintenance of Traffic

- Construction along MD 144 will occur one block at a time and will be limited to only one side of the street at a time
- Pedestrian access and on-street parking will be restricted within the work zone
- Pedestrian and vehicular access to businesses and homes will be maintained at all times
- MD 144 from Marley Street to Bye Alley will be temporarily closed and a detour will be provided

# SCOPE & DESIGN ELEMENTS

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## Landscaping

# SCOPE & DESIGN ELEMENTS

## Landscape Architecture: Hardscape

### Proposed Brick: Type, Pattern and Location

- Brick Type:
  - Color and Type of Brick will Match what is Existing Throughout the Town (Monticello Wood Moulded Clay Brick Pavers)
- Brick Pattern Locations:
  - Goal was to Match whatever Existing Pattern was the Majority between Streets (Pattern Types: Running Bond, Herringbone and Basketweave)

ADA Accessible Ramp



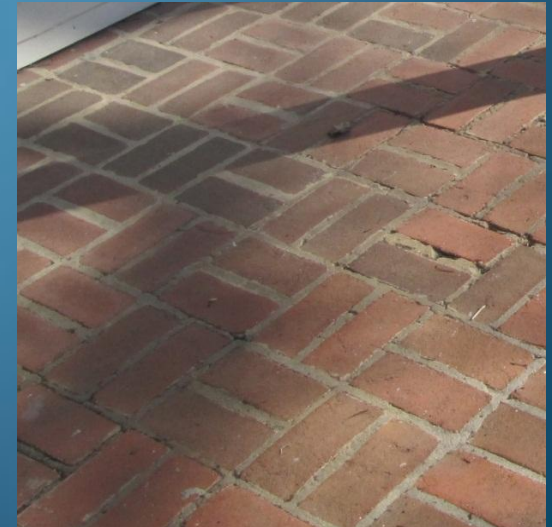
Running Bond



Herringbone



Basketweave





# SCOPE & DESIGN ELEMENTS

## Landscape Architecture: Salvaged Stone Edging

- Existing Stone Edging will be Salvaged as much as Possible, Relocated where Appropriate and Feasible





# SCOPE & DESIGN ELEMENTS

## Landscape Architecture: Tree Assessment and Preservation

- Preserve Existing Trees Where Possible
- Remove any Hazardous Trees
- Tree Assessment with an Arborist
- Determined which are Currently or will become a Tree Hazard Post Construction

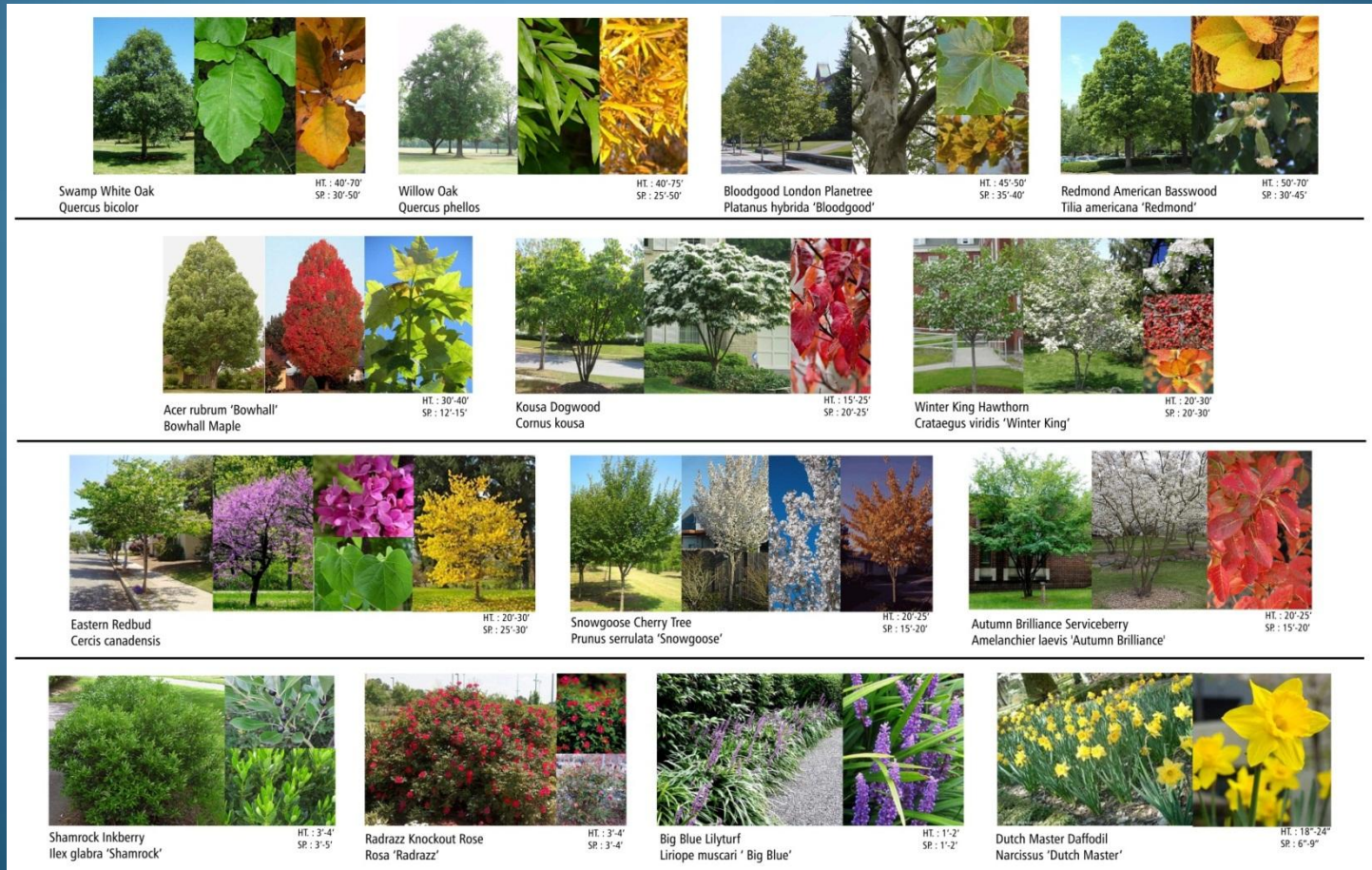




# SCOPE & DESIGN ELEMENTS

## Landscape Architecture: Plant Palette

- Plant Selections- Species can Survive Urban Conditions and Have Seasonal Interest
- Proposed Plant Locations- Right Tree, Right Place.





# SCOPE & DESIGN ELEMENTS

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## Pedestrian Lighting

# SCOPE & DESIGN ELEMENTS

## Pedestrian Lighting

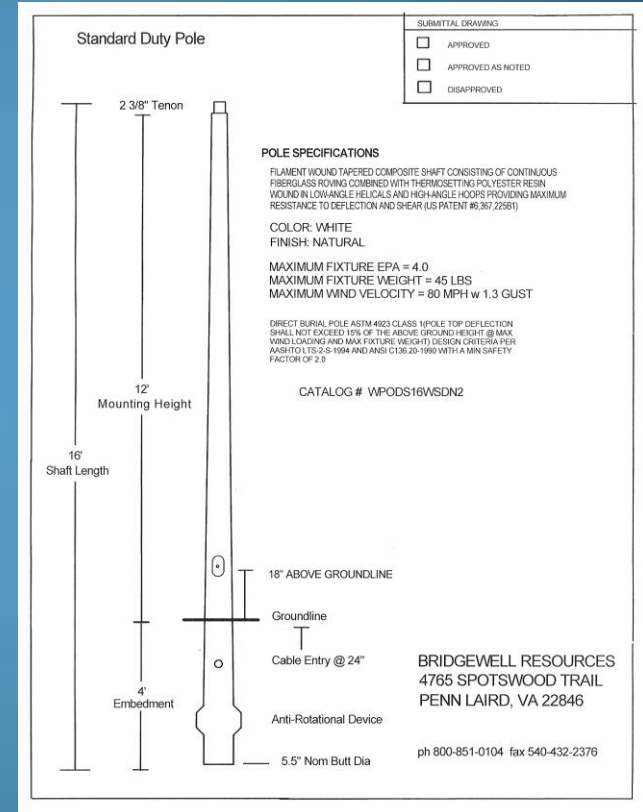
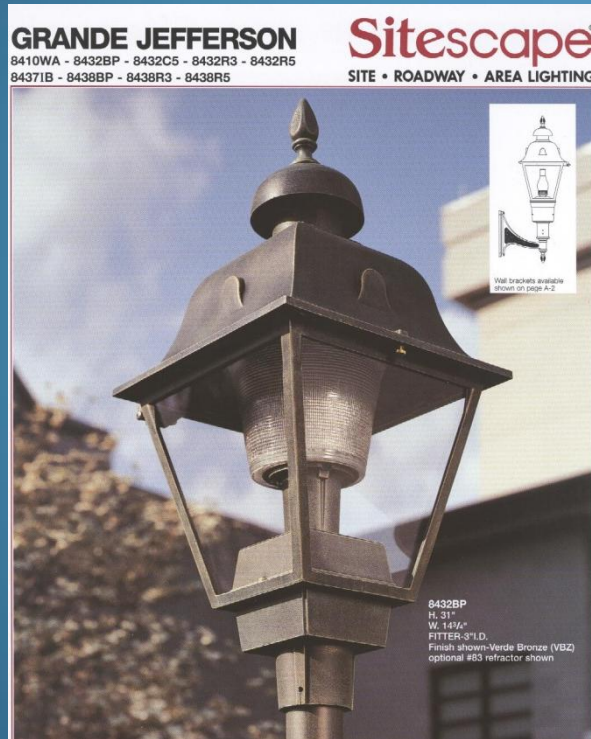
**Entire Project Limits - West of Royal Oak Dr to East of Bye Alley**  
Installed In Areas Where Sidewalk Is Proposed



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# SCOPE & DESIGN ELEMENTS

## Pedestrian Lighting



Proposed Light Pole & Fixture –  
70 Watt Metal Halide



# SCOPE & DESIGN ELEMENTS

## Pedestrian Lighting



Example of Metal Halide

# SCOPE & DESIGN ELEMENTS

## Pedestrian Lighting



**18" Diameter Handboxes Will Be  
Used For Pedestrian Lighting**

# SCOPE & DESIGN ELEMENTS

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## DRAINAGE



# SCOPE & DESIGN ELEMENTS

## Drainage - Intro

### Drainage Improvement Goals:

- Maintain the Existing Drainage Patterns
- Upgrade Outdated Storm Drain Inlets & Pipes
- Provide Improved Conveyance of Roof Drains
- Preserve Historic Character of Main Street

# SCOPE & DESIGN ELEMENTS

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## Drainage – Inlet Upgrades

### Example #1:

#### Existing Inlet Replacement



Proposed Curb Opening Inlet  
near Concrete Sidewalk or Grass

### Example #2:

#### Future Inlet Location near Brick



Proposed Grate Inlet to  
Preserve Brick Sidewalk

# SCOPE & DESIGN ELEMENTS

## Drainage – Roof Drain Upgrades

Trench Drains to redirect runoff into the street instead of traveling across sidewalks.

### Trench Drain Example

(Final Design to be Determined)





# CULTURAL RESOURCES

## MD 144 FB— Community Safety & Enhancement From west of Royal Oak Drive to Bye Alley

### The Maryland State Highway Administration and Cultural Resources

The provisions of the Maryland Historical Trust Act of 1985, as amended, State Finance and Procurement Article §§5A-325 and 5A-326 of the Annotated Code of Maryland, requires that when the Maryland State Government provides funding, licensing or permits for projects, the agency must determine if there are historic properties, either standing structures or archeological sites, that are eligible for or listed in the National Register of Historic Places (NRHP) in the project area.

SHA uses the implementing regulations for the National Historic Preservation Act Section 106 are found at 36 CFR Part 800 to provide the guidance for the consultation process between the SHA and the Maryland Historical Trust regarding eligibility and project effects.

SHA also consults with local government agencies and commissions such as the New Market Historic District Commission regarding project impacts to historic properties.

As the recipient of state funds for the MD 144 safety and resurfacing (streetscape) improvements in the New Market Historic District, SHA has identified the National Register of Historic Places-listed historic properties, including the New Market Historic District, MIHP No. F-5-59; NR-353, the National Road Milestone No. 37, MIHP No. F-5-67; NR-276, and the Ursula Plummer House, MIHP No. F-5-60, which is a contributing resource to the New Market Historic District, and notified MHT and the New Market Historic District Commission that these are present in the project area. SHA has recommended that the streetscape improvements will have no adverse effect on historic properties, including standing structures and archeological sites, conditioned upon SHA's completion of archeological investigations at two sites in the New Market Historic District.

### MD 144: Royal Oak Drive to Bye Alley, New Market, Maryland Historic Resources in the Area of Potential Effects

